Properties of Water Notes

1. Why is water considered to be a polar molecule?
2. Draw a water molecule. Include the charges.
3. What is a hydrogen bond?
4. Draw a picture of a hydrogen bond.
5. What is meant by specific heat capacity?
6. Why is water’s high specific heat capacity important to life?
7. Why is water’s high boiling point important to life?
8. What is unique about the density of water?
9. What would happen if ice did not float on liquid water?
10. What is a solvent?
11. Why is water’s ability to dissolve many substances important to life?
12. What is cohesion? What causes it in water?
13. What is surface tension?
14. What is adhesion? Why is it important to life?